



LEADSUN

In partnership with



City of
Mount Gambier

CASE STUDY

Client: City of Mount Gambier

Project: Access road & pathway around a popular walking track

Lighting Compliance: AS/NZS 1158.3.1 P3/P4

★ ★ ★ ★ ★
This project has huge cost savings by being cable free!

SOLAR LIGHTING



Project Overview

The City of Mount Gambier had concerns that a 3.6 km access road and pathway around the Blue Lake was not being fully utilised due to the lack of lighting in the evening which has prevented locals and tourists from enjoying this iconic 'world-class' natural attraction.

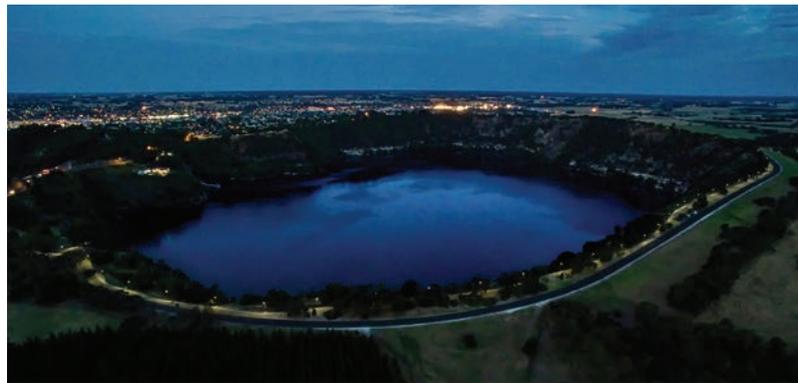
City of Mount Gambier's dilemma was the difficulty in providing reticulated powered lighting requiring underground electrical cabling throughout a heavily populated volcanic rock area, additionally, the environmental disruption that would be caused by extensive excavation works would also significantly impact on the natural vegetation and wildlife of the park.

Leadsun Solution

- 92 x Solar Powered AE2 All-In-One Series Systems
- Solar Module Size = 40W
- LED output = 20W
- Lithium-ion batteries
- P Category Lighting Compliance = P4

The solar light systems are also installed on a lowerable pole system that allowed all installation works to be carried out at quickly and safely at ground level without the use of any elevated work platforms. Additionally, the complete lighting system features Leadsun's unique and technically advanced 'wireless system' that allows all systems to be easily programmed to a specific working mode operation.

Each system consists of a 40W 'All-In-One' Solar Engine that uses a 'plug & play' cable connect system to attach to an 'asymmetrical' LED light head that concentrates all lighting onto the pathway whilst minimising spill light at the front and rear of the fitting.



This project has an expected design life of 15 years

After much consultation, the council has decided the most practical & viable solution was to install a Solar Powered Lighting Solution. After an extensive tendering process, Leadsun Australia's range of 'AE2' series solar lights was ultimately specified for the solar lighting project due to its proven system reliability, compact appearance and cost efficiency.

Call us on 1300 532 378 to discuss how we can deliver you a HUGE saving compared to grid power lighting